

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002578

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C09K 19/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C08G73/10, C08L79/08, C09K19/56, G02F1/1337

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
NPS, PAJ, USPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 9-272740 A (JAPAN SYNTHETIC RUBBER CO., LTD.) 21.10.1997 abstract, claim1,2, column8-11, 46-50, 62-69	3-10 1-2
Y A	JP 9-230353 A (JAPAN SYNTHETIC RUBBER CO., LTD.) 05.09.1997 abstract, claim1, column5-11, example1	3-10 1-2
A	JP 11-1993347 A (CHISSO CO.) 21.07.1999 claim1,2,8,9, column10-19	1-3,10
A	JP 12-305085 A (FUJI PHOTO FILM CO., LTD.) 02.11.2000 claim1,2, column10-11	3,7-10

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
26 JANUARY 2005 (26.01.2005)

Date of mailing of the international search report

27 JANUARY 2005 (27.01.2005)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

CHOI, Seung Keun

Telephone No. 82-42-481-5575



INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2004/002578

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 9-272740 A	21.10.1997	US 5,783,656 A EP 789046 A1 DE 69700925 T2	21.07.1998 13.08.1997 20.07.2000
JP 9-230353 A	05.09.1997	US 5,700,860 A	23.12.1997
JP 11-193347 A	21.07.1999	US 6,316,574 BA TW 428006 B WO 9934252 A1 EP 1042701 A1	13.11.2001 01.04.2001 08.07.1999 11.10.2000
JP 12-305085 A	02.11.2000	NONE	